

FOLIO

UNIVERSITY OF ALBERTA
18 OCTOBER 1991



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Interest in study abroad increases

Globalization. Internationalization. Interdependence. They're not just buzzwords, according to a growing number of people who advocate the internationalization of postsecondary education. They're real and growing movements universities had better be aware of, if they're to remain competitive and relevant in today's global economy, they argue.

"In the United States, there are early signs of a movement toward globalization at some of the leading universities in order to foster an international outlook in students and to prepare Americans for a more globally interdependent economic and political system," says Stuart Smith, in his recently released Report of the Commission of Inquiry on Canadian University Education.

During the course of his inquiry, Dr Smith said it was striking, that while this has entered the consciousness of Canadian universities, very few of them indicated advanced plans in this direction. "It would seem self-evident that Canadians must move rapidly in this general direction," the Commissioner said, citing some successes. For example, Calgary has a Centre for International Education and Business, York has a program in International Business and Québec has a diploma in international management.

Here at the University of Alberta, officials with the International Centre have set ambitious goals. By the Year 2000, for example, the Centre wants to have at least 2,000 U of A students enhancing their degree programs with international experiences.

According to Barry Tonge, Education Abroad Coordinator, "Interest in education abroad has been steadily increasing at the

University of Alberta. More and more faculty and students are becoming involved by either planning or participating in an overseas experience."

Dr Smith said Canadian universities have always seen themselves in a global context and, "without exception, have fostered an outward looking, internationalist view among faculty and students." He noted that the Commission heard dozens of reports concerning the efforts at various universities to participate in research cooperation, faculty exchanges, international organizations and one-to-one arrangements with particular countries or institutions.

By the Year 2000 the Centre wants to have at least 2,000 U of A students enhancing their degree programs with international experiences.

His Commission has recommended that internationalization should form part of every university's mission statement; universities should offer increasing opportunities for year abroad and split programs; Canadian universities should establish collaborative degree programs with foreign institutions, and courses in international marketing and government should be promoted.

The University of Alberta has about 34 ongoing international student exchange agreements with faculties, departments and institutions in foreign countries. Students can spend a term, semester or year at one another's insti-

tutions. Tonge estimates less than 100 students participate in formal exchanges each year.

The vast majority of students, however, arrange to study outside Canada independently and as a result of their own initiative. Here, at the U of A, Tonge places that figure somewhere under 500 students. Moreover, the vast majority of the more than 20,000 Canadian students who study abroad annually do so in the United States.

One Faculty that's anxious to increase the number of international exchange agreements is the Faculty of Business. With agreements in place with other universities in Japan, Australia and Europe, Business Dean Jean-Louis Malouin is interested in pursuing other agreements in Asia and the United States.

Fay Alexander, Associate Director of Undergraduate Programs and the Faculty's exchange coordinator, says she's watched student interest grow in international exchanges. "There's been more interest than I've ever seen," she says.

Alexander says, however, that the big stumbling block is money. Students used to living at home are suddenly confronted with the prospects of paying for room and board, and airfares alone can be well over \$1,000. The Faculty has recently earmarked some money from the Stanley A Milner Chair in Leadership endowment to support exchange programs.

Costs incurred by foreign students coming to study at Canadian institutions remains a contentious issue. Dr Smith found that the controversial differential fees charged foreign students at most Canadian institutions didn't seem to have created a serious obstacle to the continued presence of international students.

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U of A places 10th in Maclean's first-ever university ranking

The University of Alberta placed 10th in the first-ever *Maclean's* magazine ranking of Canadian universities. In its special report on universities in the 21 October issue, the national magazine ranked McGill University first overall.

The survey evaluated arts and sciences faculties only and included only those universities that grant BA and BSc degrees. The survey was also limited to secular institutions not affiliated with other universities.

President Paul Davenport said the *Maclean's* survey was done with a good deal of care. At the same time, he said, the data have to be evaluated carefully and are subject to a great deal of interpretation. He was cautious, however, about commenting on specific aspects of the survey until he had seen all the data used to arrive at the rankings.

Queen's University, Kingston, was rated second in the survey. Third was Mount Allison, Sackville; fourth was the University of Toronto; fifth was McMaster University, Hamilton; sixth was Acadia, Wolfville; seventh was UBC, Vancouver; eighth was the University of Guelph; and ninth was Dalhousie University, Halifax.

"We are not defining which universities are best," says Michael Benedict, assistant managing editor of *Maclean's*. "Instead, we are highlighting how each university rates in specific areas. This is the kind of information students may want to consider before deciding where to invest three or four years of their lives."

The survey was based on, among a number of other factors, an examination of the quality of the faculty and student body, financial resources, reputation, operating budgets per student, student-teacher ratios and private rankings of 30 university presidents in Canada. Professional and graduate schools were not considered.

In letters to the magazine, the survey was both lauded and criticized. Concordia's Rector and Vice-Chancellor Patrick Kenniff, who declined to participate in the survey, said high school students should be wary of using data from a [presidents'] survey like this to draw conclusions about the relative ranking of universities in the country.

McMaster's President Geraldine Kenney-Wallace said such comparisons helped improve schools in Europe and the United States. [*US News and World Report* conducts a similar annual survey of American schools.] She said there seems to be a Canadian "ultrasensitivity in ranking anyone".

McGill rated highest in the value of non-medical research grants and ranked third in the category related to the amount of operating budget per student.

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James Wei, one of North America's leading chemical engineers, discusses global warming.

Princeton professor points the way for chemical engineers

It's highly unlikely politicians will have the political will to deal effectively with issues such as global warming, but chemical engineers may have an extremely important contribution to make, says the Dean of Applied Science and Technology at Princeton University.

James Wei, one of the United States' foremost chemical engineers, told a packed lecture theatre 10 October that policy makers will lack the political will to advocate population reductions or lower standards of living. Two options remain: reducing our energy consumption and reducing carbon emissions.

Dr Wei, who chaired an interdisciplinary committee while at the Massachusetts Institute of Technology studying environmental questions, now finds himself doing the same thing at Princeton.

The question facing humankind, he said, is what do we do? Although cautioning that global warming is not proven and is at this stage, anyway, only a theory, Dr Wei said

averages indicate the earth is warming up. Even that is inconclusive, "and the net effect of global warming need not even be negative," he said, joking that American mid-western breadbasket farmers, however, may want to move north to Saskatchewan when their own lands no longer receive the necessary rains.

There are really four ways to deal with global warming, he said. First, reduce carbon emissions; second, remove greenhouse gases in the atmosphere; third, use mitigation methods to cool the earth down, such as putting sub-micron sized particles in the stratosphere or planting trees; and, fourth, adapt to the changing conditions.

Reviewing demographic statistics which predict population increases—particularly in the emerging industrializing countries—and data which indicate increases in the standard of living in densely populated countries such as India, Dr Wei argued that these trends seem sociologically unstoppable.

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Survey Continued from page 1

Queen's rated number one in the category of average high school graduation marks for first-year students and was the number one choice of university presidents who responded to the questionnaire. Mount Allison had the second highest rating in the category of operating budget per student and for number of foreign and out-of-province students. U of T was second in the category of PhDs among faculty and second to Queen's as the top choice of university presidents.

James Wei Continued from page 1

On the other hand, he pointed out, it is possible to produce energy with less carbon emissions and to reduce energy use.

For example, it is not that difficult [technologically] to produce cars that will increase the average of 27 miles per gallon to 50 miles per gallon. People could opt for much more energy efficient florescent lighting over incandescent lighting. Housing could be much more energy efficient, he said.

While still working for Mobil Oil as a researcher, a colleague at MIT told Dr Wei in 1969 that the problem with the United States was that the price of gasoline was too low. In Europe, he said, the price of a litre of gasoline is about \$2.50 while a litre in North America is about 50 cents. One consequence is that the Europeans are much more energy efficient than North Americans.

The 1991 ICI Distinguished Visiting Lecturer in the Department of Chemical Engineering, in his lecture entitled "Global Environment Changes and Chemical Engineering", said we can learn from Japan. "They are earning GNP with much less spending on energy and carbon than anybody else on earth. They are beating the pants off of everybody else, and it doesn't mean that using less energy puts them in the hole. They can do both at the same time."

Maclean's University Rankings

1) McGill	17) Bishop's	33) Memorial
2) Queen's	18) Laval	34) Windsor
3) Mount Allison	19) Manitoba	35) Saskatchewan
4) U of T	20) St. Francis Xavier	36) PEI
5) McMaster	21) York	37) Wilfrid Laurier
6) Acadia	22) Waterloo	38) Lakehead
7) UBC	23) Simon Fraser	39) Brock
8) Guelph	24) Victoria	40) St. Mary's
9) Dalhousie	25) Trent	41) Laurentian
10) Alberta	26) Mount Saint Vincent	42) Regina
11) Montreal	27) Calgary	43) St. Thomas
12) Lethbridge	28) Moncton	44) Carleton
13) Ottawa	29) Brandon	45) Quebec (Montreal campus)
14) New Brunswick (UNB)	30) Sherbrooke	46) Cape Breton (UCCB)
15) Sainte-Anne	31) Concordia	
16) Western (UWO)	32) Winnipeg	

Study abroad

Continued from page 1

"The number of undergraduates has declined, but the number of graduate students has increased," he says. "In 1989-90, three percent of undergraduates, 11 percent of master's and 26 percent of PhD students were international students."

Graduate Students' Association President Ken Ross, a longtime critic of differential fees, says the GSA was pleased that Dr Smith has recognized the benefits to all students of having foreign students at Canadian universities and, in general, international exchange programs at the university level. "Unfortunately, the report does not address discrimination facing foreign students and the financial hardships they must endure because of the imposition of differential fees at Alberta's universities."

Tonge says Canada is one of the few countries to have differential fees. Acknowledging the arguments in favour of differential fees, he says, however, "I find the concept of putting up potential barriers for foreign students scary."

Alexander says returning exchange program students generate lots of discussion and enthusiasm within the Faculty by talking to fellow students about their exchange experiences. Imagine 2,000 students coming back from exchange experiences and sitting in U of A classrooms, says Tonge. "The nature of those discussions has got to be changed," he says, adding that a quick look at the calendar to review faculty members' international experiences indicates that these people recognize the value of exchange programs.

LETTERS

'MERIT ONLY' GROUP CRITICIZED

The collective and individual energy which the "Merit Only" group continually devotes to their critique of equity at the University of Alberta suggests they have the luxury of time on their hands which others cannot afford. Why is it the same group of almost exclusively senior-white-straight-able-bodied men (*my hyphens indicate irony, not "tribalism," I assure you*) which takes up so much discursive space and time to outline a position? How do they maintain meritorious productivity in the midst of their flurry of letters and protestations? Is it a question of power and privilege? Why do their arguments appear to grind to a redundant halt in the proliferation of their appeals for support? They claim that more of us (How many more? Fifteen? Hundreds?) would support them, were it not for the fact that we are quaking in our boots, fearful for our scholarly lives that in speaking out in their support we will be punished. By whom? The Equity Goddess?

Rather than respond to any of the details in their continuing barrage of Letters to the Editor concerning equity issues and hiring, many of the faculty here at the University are busy doing what we are supposed to be doing: teaching, research, and publishing, administration and constructively contributing to our various communities. When the public declarations of the "Merit Only" group over the past few years are reviewed, one begins to perceive the creation of a contaminated work atmosphere which supports the harassment of those who would otherwise flourish from more creative, productive conversations about intellectual and communal life in a major university.

I am writing to focus on the potential problem we face in not only attracting but retaining strong candidates for our faculty positions, a problem introduced by one of our more socially responsible male colleagues at the Arts Faculty equity forum several weeks ago. At a time when the University of Alberta should energetically attract new colleagues, those graduating elsewhere may in fact avoid a workplace where, in the name of "free speech" and "enlightenment," a public discourse by mainly senior-white-straight-able-bodied male faculty percolates with a rhetoric encrusted with appeals to "the root of this evil" and "murky" depths—the polarized lexicon of colonization, racism, homophobia and misogyny which has long been associated with the oppression of women, natives, people of colour, the differently abled, lesbians and homosexuals. It remains to be seen whether "Merit Only" self-interested intolerance and narrowness of vision will indeed inhibit the growth of our intellectual community by driving away those we can least afford to lose.

Janice Williamson
Assistant Professor of English

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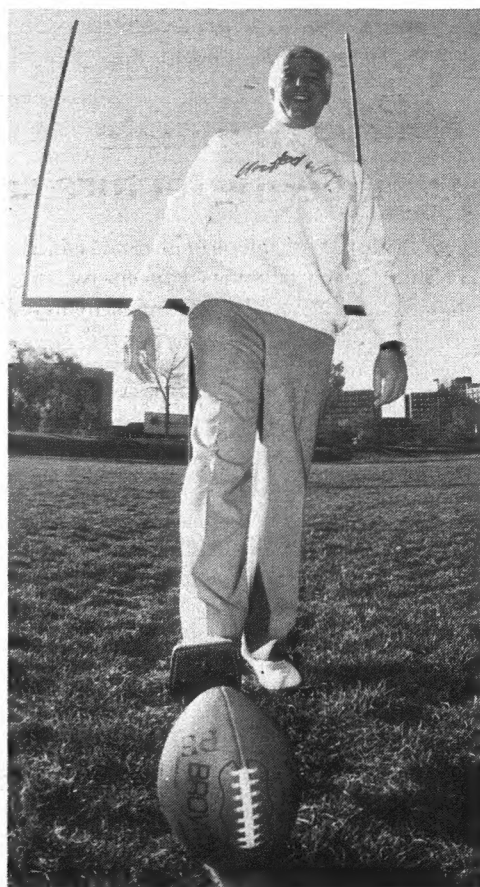
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University
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President Paul ("Thunderfoot") Davenport prepares to airmail another football. He and Students' Union President Marc Dumouchel are in tough against ex-Eskimo great Dave Cutler and his son John, who kicks for the Golden Bears.



A kickoff of 50 yards begins with the first step

It's a tough call. The Cutlers—legendary Dave and son John—have experience and powerful legs; the Presidents—Paul Davenport and Marc Dumouchel—have ready access to physicists and biomechanics experts and dietitians. And beginner's luck can never be discounted.

Football fans are cautioned not to leave their seats at half-time during tonight's game between the Golden Bears and Manitoba Bisons because the Cutlers and the Presidents are going to go toe-to-toe during "Celebrity Kickoff." The Cutlers are kicking on behalf of the U of A Green and Gold Athletic Society, and the Presidents are lofting pigskins for the United Way.

Each performer gets three kicks and the best efforts will be used to determine the dollars raised. The winning team will be the one with the combined best distance kicked x dollars per yard + total lump sum sponsorship.

Whatever the result, "Celebrity Kickoff" is bound to prove that those who attain presidencies must be flexible in more ways than one.

POSTAL SHIPMENTS SENT TO THE UNIVERSITY FROM OUTSIDE CANADA

When you receive a shipment through the mail from outside Canada, a yellow E14-2 Customs Advise Notice is attached to the parcel. Please forward the E14-2 along with the commercial invoice, showing your account number, to Customs and Transportation, Materials Management, for processing. Failure to follow the above procedure will result in the withdrawal of immediate release privileges on all future University shipments from Customs and Excise.

Personal shipments are to be addressed to the individual's home address.

For more information, telephone Linda Hiltz, 492-4738, or Dianne Herbert, 492-3435, Customs and Transportation and GST Unit, Purchasing Division, Materials Management.

Japanese calligraphers demonstrate their art at Fine Arts Gallery



Shiko Kataoka, a master calligrapher, demonstrates the art form for staff and students.

Two visiting calligraphers from Japan demonstrated their calligraphy at Fine Arts Gallery Building 7 October.

Shiko Kataoka, head of the Keifukal Calligraphy Association and member of the Japan Academy of Fine Arts, and Hekisui Oi, a member of the Institute of Calligraphic Art, both produced impromptu works of art as students and staff watched.

The demonstrations kicked off the Gallery's show *Calligraphy: East and West. Modern Japanese Calligraphy*, an exhibition organized and circulated by the Shodo Journal Research Institute of Japan, will show until 20 October. And 3:16, an Exhibit of Calligraphy, a display of outstanding calligraphers from more than 20 countries illustrating the Bible, opened 8 October and closes 3 November.

According to Keiji Onodera, editor of the Shodo Journal and professor at Masashino Fine Arts University, Japanese calligraphy was the means by which literature was recorded but since the letters were written beautifully with a brush, calligraphy itself became a fine art.

The calligrapher, in the process of writing the characters, subtly expresses his or her own aesthetics, view of nature, and personal motivation, thus transmitting shifting nuances of their thoughts and feelings to others.

CURRENTS

FACULTY DEVELOPMENT DAY

Grant MacEwan Community College, a member of the Alberta Faculty Development Network, invites five members of the U of A faculty to attend October Faculty Development Day, 24 October, at GMCC's Millwoods Campus. Those interested in attending should register as soon as possible with Kathy Stuart, telephone 441-4872.

INTERESTED IN UNIVERSITY TEACHING?

Under the auspices of the Faculty of Education, design is now under way on a videodisc project funded by the University Teaching Research Fund. The disc will be used to provide exemplars of teaching across campus to assist in the ongoing development of instructional effectiveness.

The designers welcome comments/suggestions regarding the content of the project. What are your areas of concern? Drop a note to: University Teaching Project, B-117 Education North, or call: Graham Fishburne, Department of Elementary Education, 492-4132.

PROFESSIONAL DEVELOPMENT FOR APOs - TRAINING SESSION

Topic: "Personal Empowerment - A Motivational Tool." Date: 29 October. Time: 8:45 am to noon (registration: 8:30). Location: VIP Room, Lister Hall. Instructor: Harvey Zingle, Acting Dean, Faculty of Education. Fee: \$25 per person. The fee may be claimed against the registrant's Professional Expense Allowance (or the Central Professional Development Fund by those who are eligible to claim from it). It is nonrefundable but may be applied to replacements provided they are Administrative Professional Officers. Registration deadline: 21 October (limited enrollment).

CANADIAN FEDERATION OF UNIVERSITY WOMEN - EDMONTON

On Monday, 21 October, 7:30 pm, Rick Riewe, visiting researcher (from the University of Manitoba) at the Canadian Circumpolar Institute, will speak on "No Borders", an international conference on Northern Aboriginal Peoples and the Challenges of Environmental Change. A round-table discussion will follow. All women University or College graduates are welcome. Faculty Club.

POLITICAL SCIENCE BOOK AND JOURNAL SALE

The Department of Political Science has scheduled a book and journal sale for 29 and 30 October (9 am to 4 pm each day) at the north end of HUB Mall. Bargains from 10 cents to \$5.

OPEN HOUSE AT GARNEAU/ UNIVERSITY CHILDCARE CENTRE

The board and staff of Garneau/University Childcare Centre cordially invite interested members of the University community to the Centre's open house and fifth anniversary celebration, Thursday, 24 October, from 3:30 to 5 pm. The Centre is located in Garneau School, 10925 87 Avenue, telephone 439-9050.

CHEMISTRY CAREER FORUM

Career and Placement Services (CaPS) holds several special events throughout the year to help students in career planning and career decisions. The next such event—Chemistry Career Forum—will take place 30 October from 6 to 9 pm in 235 CAB. Tickets, priced at \$3, are on sale at the CaPS Office, 4th floor SUB.

SALE OF '92 ENTERTAINMENT BOOKS

Profits to benefit the U of A Child Centre, Ringhouse #3. Cost: \$40. Can be purchased Thursdays, noon to 1 pm. Telephone Linda, 454-1095, or Joanne, 437-2077.

Leading biblical scholar will inaugurate lecture series

"In the beginning was the performance; not the word alone, not the deed alone, but both indelibly marked with each other forever. He comes as yet unknown into a hamlet of Lower Galilee. He is watched by the cold, hard eyes of peasants living long enough at subsistence level to know exactly where the line is drawn between poverty and destitution."

So writes John Dominic Crossan in the overture from his new book, *Jesus' Gospel: The Life of a Mediterranean Jewish Peasant*.

Dr Crossan, a professor in the Department of Religious Studies, DePaul University, will inaugurate the Department of Religious Studies' new lecture series entitled "Religion, Culture and Imagination." He will speak 23 October on "Jesus, A Mediterranean Jewish Peasant."

His work, says Francis Landy (Religious Studies), "has been very closely tied to the deconstructionist movement in literary criticism."

"What's exciting and troublesome for those of us in the Christian tradition is that the image of Jesus that's emerging from the work of Crossan and other scholars wonderfully disturbs the normative and populist strands of Christianity," says Campus Chaplain Reverend Daniel Bogert-O'Brien. "His work makes us look much more deeply at our mystical roots than at our moral roots."

People within the department are hopeful the lecture series will appeal to scholars in other disciplines and stimulate public discussion on significant issues in religion and culture.

Two days after the Crossan lecture another significant event will take place on campus. The Westar Institute will hold its conference. "Essentially, what the Institute is doing is attempting to come to some kind of scholarly consensus about what the scholars would think goes to the earliest level of the tradition," says Reverend Bogert-O'Brien. "It's about a 20-year project and they've just completed the first 10 years."

Association of Concerned Academics formed on campus

Following an organizational meeting on 2 October, an Association of Concerned Academics (ACA) has been formed to address current challenges to the concepts of equality, integrity, and academic freedom at the University of Alberta. The organization is dedicated to the following principles:

Equality: All individuals must have an equal opportunity to participate in academic life. Any form of discrimination or preferential treatment based on gender, race or other group characteristics violates the principles of justice and obstructs the achievement of academic excellence.

Freedom of inquiry and expression: Rational debate is the proper means whereby

intellectual disagreements are explored. Censorship and intimidation stifle the pursuit of knowledge.

Intellectual integrity: Objectivity and rationality are of paramount importance. Bias is inimical to sound scholarship, and indoctrination is inimical to sound pedagogy.

Institutional integrity: ACA is committed to the University's democratic system for establishing rules and policies, and to their being faithfully upheld by all administrators.

All academic staff are invited to join. Information about membership may be obtained from *pro tem* ACA President Ruth Gruhn (Anthropology).

Ethicist to initiate Engineering lecture series

As the pressure builds to integrate ethics into the education of engineers, two pitfalls must be recognized, says Margaret Maxey, a professor of bioethics in the Biomedical Engineering Program at the College of Engineering, University of Texas at Austin.

There is a naive belief that engineers exert unilateral control over their expert decisions; there is also a naive belief that nature is fragile and virtually benign, while modern technology imperils public health and environmental quality, says Dr Maxey, who will deliver a lecture 24 October entitled "Engineering and Ecology: Is there an Ethical Connection?"

The lecture, at 4:30 pm in 4-1 Mechanical Engineering Building, will be the first in a series of lectures connected with the recently established Ernest E and Gertrude Poole Chair in Management for Engineers. The lecture and following reception are being held to welcome John McDougall, who will hold the chair for five years.

Dr Maxey was recently elected President of the National Institute of Engineering Ethics in the United States. She is a member of the American Nuclear Society; the Institute of Society, Ethics, and the Life Sciences; the Institute for Theological Encounter with Science and Technology; the Society for Risk Analysis, and the American Society for Quality Control.

MacEachran Lecture series deals with aging

A leading researcher on cognition and aging will deliver the Department of Psychology's 17th annual MacEachran Memorial Lecture Series, 21, 22 and 23 October, at 7:30 pm in CW-410 Biological Sciences Building.

Timothy Salthouse, in the lecture series entitled "Mechanisms of Age-Cognition Relations in Adulthood", will describe in his first lecture—"What Needs to be Explained?"—current evidence regarding age-related changes in cognitive processes. In his second lecture, "Working Memory as a Potential Mediator", and third lecture, "Processing Speed

as a Potential Mediator", he will examine particular mechanisms that mediate those changes.

The professor from the School of Psychology of Georgia Institute of Technology has not been content with the discovery of relationships between age and cognitive performance. Instead, he has argued that a primary goal of aging research should be to replace chronological age with measures of functional age. Dr Salthouse has attempted to locate separate mechanisms that are responsible for age-related changes in cognitive function.

Planning and Development Projects Report, October 1991

The following report provides an overview of the major University of Alberta Planning and Development projects in progress.

PROGRAM PLANNING

General Space Programs (GSP) establish broad faculty or department space and facilities requirements. Facilities Development Committee approval was recently granted to programs for the Faculties of Home Economics and Pharmacy and Pharmaceutical Sciences. A GSP has been recently undertaken for the Department of Computing Science.

Detailed Space Programs (DSP) establish specific space program requirements for particular facilities or new projects based on general space programs. At this time, both general and detailed space programming is under way for University Health Services and Student Counselling.

PLANNING

Sign System Guidelines: The interior sign section final draft was submitted to the Facilities Development Committee 13 September for information. The completed document should be available for distribution by the end of October. At that time, development of the exterior sign component will begin. Once again, the aim is to introduce consistency in the application of signs according to functional and aesthetic standards.

Timms Centre for the Arts: A site development document has been prepared that outlines long-range site planning principles and guidelines for phased development of the area bounded by 87 Avenue, the Fine Arts Building, 111 Street and 112 Street. The report received Facilities Development Committee and Board Building Committee approval in September.

Devonian Botanic Garden: Planning is under way to update the Long Range Plan produced in 1978. The update involves recording current site and facilities information about the Garden, applying concepts that have evolved from interviews with the various client groups associated with the Garden, and compiling this information into a revised long-range development plan document.

South Campus Circulation Study: The study has been sponsored jointly by organizations with facilities in the South Campus Area (south of 87 Avenue). Final review by committee representatives of the various agencies involved is now complete. Revisions to the study will be completed by the end of October in preparation for submission to the approving bodies of the South Campus organizations. The finished document will also be distributed to the City of Edmonton and the four surrounding communities who were invited to take part in the study.

89 Avenue Reconstruction: The University has been working with the City of Edmonton in a coordinated effort to return buses to 89 Avenue as presented in the document "Greater Campus Transit Service Study," published in January 1991. Detailed planning and design work is under way with a view to providing optimum facilities for transit, pedestrians, bicyclists and service vehicles. Construction of 89 Avenue will start in spring 1992, and the return of bus service will coincide with the scheduled opening of the University LRT Station in late August. In the interim, temporary bus stops will continue to be available near the Jubilee Auditorium (87 Avenue and 114 Street).

Traffic circle at 114 Street and University Avenue: Redevelopment of the circle into a signalized intersection has been delayed for another year, that is, summer 1992, by the City of Edmonton. Rescheduling was necessary to accommodate the road and utilities work south of the circle and because of limited funding for this year's roadway budget.

Building evaluations: In a joint venture, Planning and Development and Physical Plant have carried out two successful pilot projects of evaluation of existing facilities, using Dentistry/Pharmacy and the South Lab. The work entails a detailed assessment of physical building condition and functional elements. It is anticipated that all buildings on campus will be evaluated under this program.



Finishing touches are being applied to the University Extension Centre.

RENOVATIONS AND DEVELOPMENT

University LRT Station: Construction of the station continues on schedule with start-up of transit operations planned for late August 1992. Since the spring, when excavation of the station was completed, interior construction of the station has proceeded rapidly. Construction of the east portal connection to the tunnels is nearing completion. Construction of both the east and west entrance buildings is well along. At HUB, alterations are being made to link the mall above grade to the LRT station east entrance building. The link between the two buildings was installed recently and is expected to be finished in the next few months, although nothing will be operative until the arrival of LRT. Staff or students who have concerns with respect to construction nuisances are asked to call the city's LRT Hotline at 428-3466.

Clinical Sciences Building: Major interior renovations were started in November 1990 to implement a space plan for accommodation of the Faculties of Nursing and Medicine, and also for departments of the University Hospitals. Eighty percent of the work is done; the project is scheduled for completion early in 1992.

Corbett Hall Restoration: The restoration of Corbett Hall is now complete. Corbett Hall was constructed in 1929 as home to the Provincial Normal School, the centre for the training of school teachers. Before its restoration, Corbett Hall was occupied by the Faculties of Extension and Rehabilitation Medicine and

by the Department of Drama. In August, the Faculty of Rehabilitation Medicine moved in as the sole occupant of the new facilities, facilities that were designed specifically to meet the needs of the Faculty's expanded program.

University Extension Centre: Located on the northeast corner of 83 Avenue and 112 Street, the building has seven storeys; the Faculty of Extension will occupy roughly three and a half floors. A portion of the commercial space on the main floor will be occupied by a restaurant outlet run by Housing and Food Services and by an outlet of the University Bookstore. The balance of the space will be occupied on a leased tenancy basis, by commercial occupants as well as Faculty of Nursing offices. Construction is

nearing completion and occupancy by the Faculty of Extension has been scheduled for late December.

Timms Centre for the Arts: Schematic architectural design has begun. The facility will be erected on the site south of the Fine Arts Building off 112 Street.

SPACE MANAGEMENT

A number of space planning and management activities are currently being addressed as part of the ongoing review of unit space requests, space alteration proposals, overall campus space utilization, and the study of long-term space allocation possibilities. Of particular note at this time are:

- the reallocation of space within the Agriculture/Forestry Centre (and possibly General Services Building and Printing Services Building) to accommodate the needs of the Departments of Plant Biotechnology and Forest Science;
- the development of accommodation plans for the Henry Marshall Tory Building, the Faculty of Law, and Biological Sciences Animal Services;
- detailed space fit of the Faculty of Nursing in the University Extension Centre.

Persons wishing to obtain additional information on these projects are asked to contact the Office of Planning and Development at 492-4966.

EVENTS

EXHIBITIONS

ART AND DESIGN

Until 15 November

"Industrial Design 'Results'"—an exhibition of work of former students in Art and Design's Industrial Design. Gallery hours: Monday to Friday, 8:14 am to 4:30 pm. The Beaver House Gallery, 3rd Floor, 10158 103 Street.

CLOTHING AND TEXTILES

Until 1 November

"Textileworking"—an exhibition on the production of fabric, its decoration, and its construction into garments. Basement, Home Economics Building.

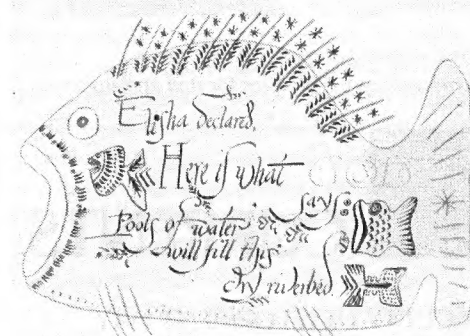
FAB GALLERY

Until 20 October

"Modern Japanese Calligraphy"—an exhibition organized and circulated by the Shodo Journal Research Institute of Japan. Cosponsor: East Asian Languages and Literatures and the Consulate General of Japan.

Until 3 November

"3:16 An Exhibit of Calligraphy"—outstanding calligraphers from over 20 countries illustrate the Bible. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.



Andrzej Kot's 2 Kings 3:16, at the Fine Arts Building Gallery. "3:16 An Exhibit of Calligraphy," continues until 3 November.

FILMS

GERMANIC LANGUAGES

22 October, 7:15 pm

"Berlin Chamissoplatz" (1980), German with English subtitles. 141 Arts Building.

MUSIC

DEPARTMENT OF MUSIC

20 October, 8 pm Academy Strings Concert—Norman Nelson, director.

22 October, 7 pm Paul Badura-Skoda—Chamber Music Masterclass.

23 October, 12:10 pm Noon-Hour Organ Recital—performers are Stillman Matheson, Richard Vander Woude, and Christopher New.

23 October, 1 pm Paul Badura-Skoda—Piano Masterclass.

24 October, 8 pm Paul Badura-Skoda—lecture/demonstration with historical keyboard instruments.

25 October, 8 pm Paul Badura-Skoda—Solo Piano Recital. Tickets available at BASS. Jubilee Auditorium.

26 October, 1 pm Paul Badura-Skoda—Chamber Music and Piano Recital.

27 October, 8 pm Paul Badura-Skoda—Lecture.

28 October, 7 pm Paul Badura-Skoda—Piano Masterclass.

All events, except 25 October concert, take place in Convocation Hall, Arts Building.

FRIENDS OF THE SLAVIC COLLECTION

30 October, 8 pm

Marek Jablonski, piano. Information: 492-3537. Convocation Hall, Arts Building.

SPORTS

BASKETBALL

19 October, 6 pm Bears vs Alumni

28 October, 8:15 pm Bears vs Lewis and Clarke State

FOOTBALL

18 October, 7 pm Bears vs Manitoba

Soviet and Slavic scholars say now's the time to document, not predict

U of A academics strengthening contacts

With the collapse of the Stalinist-style totalitarian regime in the Soviet Union and the emergence of independent nations in what was once the monolithic East Bloc, University of Alberta scholars studying these regions are—understandably—busy people these days.

Frank Sysyn, Acting Director of the Canadian Institute of Ukrainian Studies, says scholars' activities have increased markedly. "The U of A plays a very great role," says Dr Sysyn, noting that this University has the largest concentration of scholars interested in Ukraine in Canada. Approximately 25 scholars, graduate students, research fellows and scholars from Ukraine are working here.

"The scholarly role at the moment is to use whatever expertise we have in Soviet studies and contemporary affairs to comment on events—and that role certainly has increased," says Dr Sysyn. "Our long-term scholarly role will increase simply because our contacts have been increasing, particularly since 1988 with the coming of *Perestroika* to Ukraine."

One of the Institute's most significant roles is now being fulfilled by its Director, Bohdan Krawchenko, who is on a study leave in Ukraine and writing a book on contemporary events in that land. Through his service on an advisory board, he's helping the Government of Ukraine prepare for the establishment of state institutions. "With that has come a steady stream of information, contacts and business to the Institute," says Dr Sysyn.

Academics are beginning to publish in one another's journals and to cooperate jointly on research, says David Marples, who has written extensively on the Chernobyl nuclear disaster and now teaches history. "In the past, Soviet historians have adopted Western academics' positions wholesale. There's been a little too much veneration [for our work]."

Dr Sysyn agrees there's been a certain idealization of Western scholarship. Moreover, he points out that Ukrainian scholars

have expected their Western colleagues to take more political stands than those Western scholars were prepared to take.

"Our duty as scholars is to give honest appraisals of the events and not to preach distorted political views," says Dr Sysyn.

Dr Marples acknowledges that academics will have political views, but by making predictions and taking political positions on the events, they risk destroying their credibility. "In the United States, in particular, the gap between politics and scholarly analysis has become very narrow and quite often that gap is crossed." Western perceptions, largely influenced by Americans, have been viewed from an ideological context; it's far too simplistic to say the events in the Soviet Union are the result of a triumph of American-style capitalism over another economic system, says Dr Marples. "This is a condescending, arrogant view of the world."

On the issue of collections, Tom Priestly, Chair of Slavic and East European Studies, says "we have to keep up to date. In a few areas it is relatively easy because for a short time anyway, the specialists are regrouping. In linguistics, for example, we had to buy a lot of publications, but a lot of them weren't worth reading. They'd be the party line, just rehashed."

"Soon we'll have some good stuff coming out which won't have any of this," he explains. "On the other hand, in every other area, people are now able to publish what they like and in literature, for example, an enormous amount is being published that couldn't be published before. History is now being rewritten, more according to the facts and less according to communist theory."

Dr Priestly says the archival resources in these countries are much more accessible. "They might have been officially opened then, but it would have taken you months to get inside. Now, if you can find someone with a key, you can probably get in. The trouble is the



Tova Yedlin reads a work on the Russian Revolution written by a Western scholar. Increasingly, Soviet scholars are able to translate more of these Western works.

person with the key might be lining up for bread that day."

Tova Yedlin (Slavic and East European Studies) says archives in the Soviet Union, however, are in terrible shape and are inefficiently managed. Another drawback is that each archive is very territorial with its materials.

However, while these developments are occurring in the East, there is in the West a "spate of books on recent history, politics, economics and the effects of all these changes on social life," says Dr Priestly. "And, nowadays, these books cost \$50 or \$60 each. It's an enormous challenge to keep up the library collection in Slavics."

Dr Marples says he uses his professional expense account to cover the costs of journal subscriptions. "It's unfortunate that the Library is cutting back at the very time we have this outburst of publications," he said, adding

that the U of A has an exceptionally good library collection of Slavic studies materials.

Dr Sysyn says everyone in Slavic Studies is worried about the Library. In fact, a concert series has been organized to help fund the Klefter Fund for Slavic Acquisitions, U of A Library.

Dr Yedlin says "we're really overwhelmed by the speedy rate information is coming out of the Soviet Union." Older publications are becoming more informative and new publications are being established at an incredible rate. "So it's crucial we keep up our subscriptions," she says.

Events in the Soviet Union and East Bloc have also presented administrative problems for U of A scholars. Things are changing so much, Dr Priestly says. "Deans and chairs of departments are being replaced, so the organization may not be what it once was. The costs are changing month by month, as more independent organizations try to compete for foreigners coming to study."

"We keep worrying about both of our language studies courses [one in Russia and one in Ukraine], and whether we should be negotiating new ones or different ones." And while a lot more collaborative faculty arrangements are now possible, some academics in these countries are reluctant to visit North America, especially when their institutions are being reorganized. As well, there's the matter of resources. Money is scarce in these countries.

"In general, we hope this is a temporary period of unease, and we certainly intend to benefit from the greater freedom," said Dr Priestly.

Dr Yedlin adds that genuine scholars in the Soviet Union are eager to come to the West. "In my own discipline [history], they're behind in research and methodology—and they acknowledge this."

LAURELS

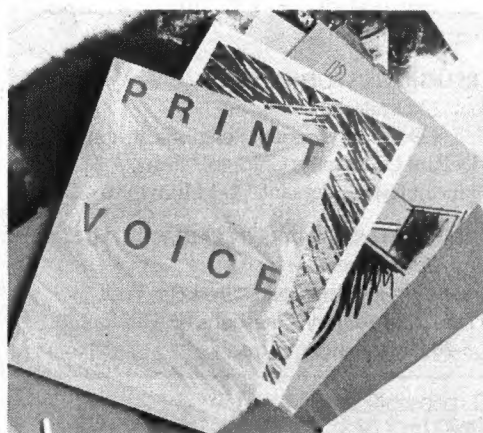
Margaret (Peggy) Kemp is the 1990-91 winner of the Academic Women's Association Scholarship for a Women's Studies major student with the highest grade point average going into fourth year. Kemp is the mother of a four-year-old son and is a student representative on the Women's Studies Committee. AWA President Sandra Niessen (Clothing and Textiles) presented Kemp with the award.

Print Voice: Precarious Balance, edited and designed by **Walter Jule** (Art and Design) and published by the **University of Alberta Press** in 1990, won two awards in the "Graphic Design in Canada" national competitive exhibition held in Montreal in August. The exhibition was organized by the Société des Graphistes du Québec and the Society of Graphic Designers of Canada as part of the 14th Biennial Congress of the International Congress of Graphic Design Associations (ICOGRADA). The show will tour the country over the next few months.

Two thousand entries of work produced between June 1989 and April 1991 were received. Of these, 197 received the award "Certificate of Excellence," and seven won the award of "Great Distinction." *Precarious Balance*

won both in the category "Book: Cover and inside Pages." An international team of seven well-known designers assessed the works on the basis of "originality of concept, visual impact, quality of treatment, and respect for required technique."

Also this summer, the *Atlas of Alberta Lakes*, designed by the U of A Press's staff designer, **Joanne Poon**, won the top prize in the "Text and Reference" section of the citations in book design in Canada by the Alcuin Society.



ACTIVITIES

WB (Bill) McGill (Soil Science) has been appointed Associate Dean, Faculty of Graduate Studies and Research, effective 1 September. He takes over for Stephen Arnold who has returned full-time to the Department of Comparative Literature...**Elizabeth Deckert** (Planning and Development) has begun a two-year term as President of the Alberta Association of Architects...**AN Tumanov** (Slavic and East European Studies) recently returned from Tokyo where he presented a paper—"Correspondence of Literary Text and Musical Phraseology in D Shostakovich's Opera 'The Nose' and Gogol's *Fantastic Tale*"—at the 1991 Congress of International Comparative Literature Association (ICLA)...The federal cabinet has appointed **GSH Lock** (Mechanical Engineering) to the newly formed Canadian Polar Commission. The commission has been established to promote the development and dissemination of knowledge of polar regions. It reports directly to the Minister of Indian Affairs and Northern Development, Tom Siddon...**Susan McDaniel** (Sociology) is a Distinguished Visiting Professor at Queen's University this month. She will give a series of talks on her research on family and aging policy.

TALKS

ACCOUNTING

18 October, 2 pm

Ramesh Chandra, University of Windsor, "Longitudinal Rank Tests for Detecting Location Shifts in the Distribution of Abnormal Returns." B-05 Business Building.

25 October, 2 pm

Yannis Bakos, University of California, "Reducing Market Search Costs: Implications for Electronic Marketplaces." B-05 Business Building.

APPLIED MATHEMATICS INSTITUTE

22 October, 3:30 pm

Karl Gustafson, Department of Mathematics, University of Colorado at Boulder, "Computation of Dragonfly Aerodynamics." 657 CAB.

29 October, 3:30 pm

Alois Kastner-Maresch, Department of Biological Science, Stanford University, "Implicit Runge-Kutta Methods for State Discontinuous ODEs and Differential-Algebraic Equations." 657 CAB.

ART AND DESIGN

22 October, 5 pm

Rene Derouin, visiting artist, "Série 8.9.9.0 Equinoxe: The Artist's Current Print Exhibition at the Edmonton Art Gallery." 2-20 Fine Arts Building.

29 October, 5 pm

Jon Isherwood, visiting artist, "Sculpture as Monolith: His Own Work." 2-20 Fine Arts Building.

ARTS

30 October, 10 am

Neil Gavigan, director, Federal Contractors Program, Employment and Immigration Canada, "Employment Equity and the Federal Contractors Program—Questions and Answers." Council Chamber, University Hall.

BIOMEDICAL ETHICS

22 October, 12:30 pm

Don Schurman, president, University of Alberta Hospitals; Lynda Reith, database coordinator, Planning Department; and Diane Versue-Haimes, medical social worker, Social Services, "Ethics in Employer/Employee Relationships: Grappling With Reality." 2F1.04 Mackenzie Health Sciences Centre.

BOTANY

24 October, 4 pm

John Hoddinott, "Science Education: The Undergraduate Experience and the Potential Role of the Teaching Assistant." M-149 Biological Sciences Centre.

CHEMICAL ENGINEERING

24 October, 3 pm

S Lalgudi, "Simulation and Control of Mineral Grinding Circuits." 342 Chemical-Mineral Engineering Building.

31 October, 3 pm

DT Lynch, "Chaotic Behavior of Reaction Systems: Does Anyone Really Know What to Expect." 342 Chemical-Mineral Engineering Building.

CLOTHING AND TEXTILES

24 October, 1 pm

Teresa Knutson, "The Reconstruction of a 17th Century Dress: Investigation, Engineering and Conservation Combined." 131 Home Economics Building.

31 October, 1 pm

Aileen McKinnon, "Dress in Red River Settlement 1815-1835." 131 Home Economics Building.

ECONOMICS

22 October, 3:30 pm

Bruce Hansen, University of Rochester, "Testing for Parameter Constancy with Unknown Change Points." 8-22 Tory Building.

ENGLISH

18 October, 1 pm

Margaret Ferguson, University of Colorado at Boulder, "Literacy and Colonialism: General Questions." 5-20 Humanities Centre.

29 October, 3:30 pm

Sara Stambaugh reads from her new novel, *The Sign of the Fox*. L-3 Humanities Centre.

ENGLISH AND WOMEN'S STUDIES

18 October, 4 pm

Margaret Ferguson, "News from the New World: Aphra Behn's Imperial Romances" (Contemporary Cultural Issues series). 5-20 Humanities Centre.

ENTOMOLOGY

31 October, 4 pm

Christian Klingenberg, "Ontogeny and the Evolution of Morphometric Characters: Theoretical Considerations and Experimental Approach." TBW-1 Tory Breezeway.

FAMILY STUDIES

24 October, 12:30 pm

Marilyn Moge, "Making Choices." 3-57 Assiniboia Hall.

FACULTÉ SAINT-JEAN

19 October, 10h15

Table ronde, "Le Rôle de l'Enseignement Post-Secondaire dans L'Avancement des Francophones au Canada." Participants: Gérald Boudreau, recteur, Université Sainte-Anne; Roseanne Runte, principale, Collège universitaire Glendon, Université York; Roger Legal, doyen, Education, Collège universitaire de Saint-Boniface; Bernard Wilhelm, professeur, Français, Université de Régina; Jean-Antoine Bour, doyen, Faculté Saint-Jean. Faculté Saint-Jean, salle 03. Pour plus de renseignements, contacter Gratien Allaire, Faculté Saint-Jean, 465-8718 où Paul Dubé, Langues romanes, 492-1189.

FOREST SCIENCE

23 October, noon

Laurel Travis, "Forest Planning with FORPLAN; a Mathematical Modeler's Experience." 849 General Services Building.

30 October, noon

RC Yang, "Genetic Aspects of Maintaining Biodiversity." 849 General Services Building.

GENETICS

18 October, 2:30 pm

Paul F Lasko, Department of Biology, McGill University, "Vasa and Pole Plasm Assembly in Drosophila Melanogaster." G-217 Biological Sciences Centre.

GEOLOGY

29 October, 11 am

Nicholas J Butterfield, Botanical Museum of Harvard University, Cambridge, Massachusetts, "The Proterozoic Earth as an Evolving Biological/Geological System." 104 Earth Sciences Building.

HEALTH SERVICES ADMINISTRATION AND COMMUNITY MEDICINE

30 October, noon

Lory Laing, Department of Health Services Administration, "A Proposal for Monitoring Human Health in the Peace-Athabasca-Slave River Systems". 13th floor classroom, Clinical Sciences Building.

HISTORY

18 October, 3 pm

Lyndall Ryan, The Flinders University of South Australia, "Comparing Feminist Historiographies: The Australia-Canadian Connection." Cosponsor: Canadian Studies. 2-58 Tory Building.

23 October, noon

Special presentation by the Office of Human Rights, "Sexual Harassment: What it is, What it is Not." 2-58 Tory Building.

24 October, 4:30 pm

Janet Landa, Department of Economics, York University, "The Role of China's (PRC) Domestic Contract Law in Economic Development." Cosponsors: Economics, Rural Economy, Anthropology, and Law. 1-13 Law Centre.

25 October, 3 pm

Professor Landa, "Custom and Gift-Giving in Medieval France: A Property Rights—Public Choice Approach to the *Laudatio Parentum*." 2-58 Tory Building.

INTERDISCIPLINARY LECTURE SERIES IN CULTURAL STUDIES

21 October, 4:30 pm

Dave Whitson, "Sport, Spectacle, and the Modern City." L-3 Humanities Centre.

INTERNATIONAL CENTRE

23 October, noon

"With These Hands: How Women Feed Africa", video, 1986. 172 HUB International.

28 October, 3:30 pm

Osmin Castillo, student of law and international relations and past president of the Law Students' Association, University of San Salvador, "El Salvador: A Country Yearning for Peace." Sponsor: Change for Children. 172 HUB International.

30 October, noon

"The Politics of Food: Brazil", video, 1987. 172 HUB International.

LANGUAGE AND LINGUISTICS

21 October, 7:30 pm

James E Flege, Department of Biocommunication, University of Alabama at Birmingham, "Is There a Critical Period for the Learning of Human Speech? Evidence From Second-Language (L2) Acquisition." Cosponsors: Romance Languages, Germanic Languages, Linguistics, and Arts. 3-06 Business Building.

LAW

19 October, 9:30 am

Saturday Morning at the Law School—"You and the Legal System." Information: 492-3115. Law Centre.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

24 October, 12:30 pm

Warrick Vincent, Laval University, "Microbial Gradients in the St Lawrence River Transition Zone." M-149 Biological Sciences Centre.

LITERARY THEORY SERIES

31 October, 3:30 pm

Daniela Boccassini, "Matching Sources with Minds: Montaigne's Disguised Paths." 5-20 Humanities Centre.

NURSING

30 October, 4 pm

Elisabeth Hamrin, professor, Faculty of Health Sciences, Linköping, Sweden, "Nursing in Sweden: Integrating Research and Practice." Funded by Alberta Heritage Foundation for Medical Research. 2-117 Clinical Sciences Building.

PHYSICS

18 October, 2 pm

NH March, University of Oxford, "Wigner Electron Crystals With and Without Magnetic Fields." V-121 V-Wing.

PSYCHOLOGY

21 October, 7:30 pm

Timothy A Salthouse, School of Psychology, Georgia Institute of Technology, "What Needs to be Explained?" CW-410 Biological Sciences Centre.

22 October, 7:30 pm

Professor Salthouse, "Working Memory as a Potential Mediator." CW-410 Biological Sciences Centre.

23 October, 7:30 pm

Professor Salthouse, "Processing Speed as a Potential Mediator." CW-410 Biological Sciences Centre.

RELIGIOUS STUDIES

23 October, 8 pm

J Dominic Crossan, Religious Studies, DePaul University, Chicago, "Jesus, A Mediterranean Jewish Peasant." L-1 Humanities Centre.

RESEARCH SEMINARS IN EARLY WOMEN

21 October, noon

Greg Hollingshead, "Berkeley and *The Ladies' Library*: Questions of Authorship." 5-20 Humanities Centre.

RURAL ECONOMY

21 October, 1 pm

Jay Leitch, Department of Agricultural Economics, North Dakota State University, "Integrating Wildlife, Wetlands and Agricultural Objectives: The North Dakota Experience."

Cosponsor: Alberta Agriculture. Boardroom B, JG O'Donoghue Building.

21 October, 3:15 pm

C Kovacsazy, Rural Affairs, French National Planning Commission, Paris, "Rural Development: New Balances, New Functions, New Approaches." 519 General Services Building.

28 October, 3:15 pm

Peter Foxall, Forest Economist, Northern Forestry Centre, Forestry Canada, "A Nonparametric Analysis of the Travel Cost Model of Recreation Demand." 519 General Services Building.

SCHOOL OF LIBRARY AND INFORMATION STUDIES

30 October, noon

Andre Nitecki, "Reading 1000 Languages: Building Libraries in Africa." 3-01 Rutherford South.

SCHOOL OF NATIVE STUDIES

18 October, 7:30 pm

Gerald Vizenor, an enrolled member of the Minnesota Chippewa Tribe and professor of English, University of Oklahoma, "Contemporary American Indian Literature." Heritage Lounge, Athabasca Hall.

SLAVIC AND EAST EUROPEAN STUDIES

28 October, 3 pm

Dushan Bednarsky, "Dymytrij Tuptalo's Ukrainian Sermons: A Study in Kievan Rhetoric." 436 Arts Building.

SLAVIC AND EAST EUROPEAN STUDIES AND COMPARATIVE LITERATURE

18 October, noon

Carlo Testa, adjunct professor, Romance Languages, "Goethe 'and No End': Echoes of a 'Classic' in 'un-Classical' Times—Gerard de Nerval's Intertextuality." 326 Arts Building.

21 October, 3 pm

Carlo Testa, "Bulgakov and the Grotesque Tragic." 326 Arts Building.

SOCIOLOGY

23 October, noon

David Ashton, Labour Market Studies, University of Leicester, "Agency and Structure in the Transition From School to Work." 5-15 Tory Building

SOIL SCIENCE

24 October, 12:30 pm

NG Juma, Department of Soil Science, "Biological Nitrogen Fixation by Annual Legumes and Their Influence on Subsequent Crops in Conventional and Zero Till Agroecosystems." 2-36 Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

28 October, 3 pm

Pat Rasmussen, "From Silence to Voice: Toward an Education for Women." 349 CAB.

29 October, 3:30 pm

Ronna Jevne, "Living With Broken Dreams: When Life Makes Excellence Impossible." 349 CAB.

30 October, 2 pm

Brenda Barrett, "Team Building." 349 CAB.


ZOOLOGY

18 October, 3:30 pm

Thomas Chen, Center of Marine Biotechnology, Maryland Biotechnology Institute, "Structure, Evolution and Regulation of Growth Hormone Genes in Finfish." M-149 Biological Sciences Centre.

25 October, 3:30 pm

Warrick Vincent, Department of Biology, Laval University, "Structure and Dynamics of Antarctic Freshwater Ecosystems." M-149 Biological Sciences Centre.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC HUMANITIES AND SOCIAL SCIENCES LIBRARIAN, UNIVERSITY OF ALBERTA LIBRARY

Your challenge: Reporting to the Director of libraries, you will administer the activities of the Humanities and Social Sciences Library. Your primary responsibilities will include: planning and delivering public services to 8,000 students and 600 faculty in the Faculties of Arts, Business and Graduate Studies; developing, implementing and administering policies for collections; ensuring that operations are carried out efficiently and effectively. You will administer activities of the library's distributed facilities: Periodicals and Micromaterials, Bruce Peel Special Collections, Government Documents, and Business. You prepare and control a \$1,750,000 operational and a \$1,250,000 materials budget.

You also work closely with and provide service to the Faculty of Physical Education and Recreation, the Schools of Library Information Studies and Native Studies, the University community and the general public.

You will provide leadership in meeting faculty and student needs for research and instruction through the strengthening of reference services and the ongoing development of electronic information services and maintain effective links with faculty and academic programs. You will take an active role in efforts to improve access to humanities and social sciences information.

As senior manager, you will participate in the management of the University of Alberta Library System through your membership on the Library Administrative Council and the development and administration of projects in conjunction with other areas.

Your credentials: You have a Master of Library Science from an accredited program, advanced degree in the Humanities and Social Sciences or related discipline and at least five years of progressively responsible experience in library management. You demonstrate effective interpersonal and communication skills; are innovative; function as leader and team member; understand the process of scholarly communication and the complexities of a major research library; and work with automated and online information systems.

Our context: The University is located in the capital city of Alberta, population: 750,000.

The University Library, one of Canada's largest research libraries, is a member of CARL and ARL and serves a total student body of 30,000 and full-time faculty of 1,580. Our strategic plan emphasizes enhanced public

services, a new integrated automated system, and extensive networking. We expect to appoint you at the tenure track Librarian 7 level: \$60,083-\$83,381, starting 1 February 1992. We offer excellent fringe benefits.

Please send your *curriculum vitae* and the names of three referees by 31 October 1991 to: Sieglinde EH Rooney, Associate Librarian, Operational Support Services, Chairman, HSS Librarian Selection Committee, University of Alberta Library, Edmonton, Alberta, T6G 2J8.

RESEARCH ASSOCIATE - SOIL MICRO- MORPHOLOGY/SOIL MINERALOGY

Academic trust position with a multidisciplinary team working in the area of a soil micromorphology/mineralogy. The candidate will be responsible for the following: 1) Preparation and microscopic description of soil thin-sections according to the most recent internationally accepted procedures. 2) Operations of a Norelco x-ray microcamera for thin-section analyses and interpretation of x-ray microdiffraction patterns. 3) Use of other submicroscopic analytical techniques such as FTIR, SEM, NMR, etc. for microfabric mineral identification. 4) Use of 'wet' chemical techniques for soil microfabric analyses; and 5) some teaching opportunities will be available.

We are seeking an individual with a PhD in soil micromorphology/soil mineralogy who is familiar with the application of microanalytical techniques to soil systems. The individual is expected to have a reason-

ably good background in soil clay mineralogy, soil micromorphology and soil chemistry. Good communication and interpersonal skills are required.

This is an academic trust position with a salary range of \$24,000 to \$30,000. Letters of application, names and addresses of three referees, academic transcripts and a *curriculum vitae* should be sent to: S Pawluk/MJ Dudas, Department of Soil Science, University of Alberta, Edmonton, Alberta T6G 2E3.

The closing date for applications is 30 November 1991. Appointment begins 30 June 1992.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 11 October 1991. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 11 October 1991.

The limited number of vacancies is a result of the current Support Staff hiring freeze.

Applications for regular operating budget funded University positions (both full-time and part-time) are initially restricted to current bargaining unit employees. This is due to the current hiring freeze. Applications may be accepted from external applicants for some positions after internal staffing has been explored.

The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program.

CLERK TYPIST (Grade 4), Provincial Laboratory, (\$1,633 - \$2,013)

CLERK STENO (Grade 4), Educational Administration, (\$1,633 - \$2,013)

CLERK TYPIST (Grade 5), Physical Plant (Parking Operations), (\$1,784 - \$2,210)

CLERK STENO (Grade 5), Geography, (\$1,784 - \$2,210)

SECRETARY (Grade 5), Faculty of Home Economics, (\$1,784 - \$2,210)

ACCOUNTS CLERK (Grade 5) (Half-time/Term to 31 December 1991), International Centre, (\$892 - \$1,105) (prorated)

ADMINISTRATIVE CLERK (Grade 5), University Computing Systems, (\$1,784 - \$2,210)

SECRETARY (Grade 6), Library (University Archives), (\$1,952 - \$2,433)

DEPARTMENTAL/EXECUTIVE SECRETARY (Grade 6), Athletics, (\$1,952 - \$2,433)

DEPARTMENTAL/EXECUTIVE SECRETARY (Grade 6), Faculty of Graduate Studies and Research (\$1,952 - \$2,433)

DEPARTMENTAL/EXECUTIVE SECRETARY (Grade 7) (Excluded), Office of the Vice-President (Finance and Administration), (\$2,125 - \$2,663)

FOOD SERVICE WORKER (COOK) (Grade 4) (Recurring Term), Housing and Food Services, (\$1,867 - \$2,300)

ADMINISTRATIVE ASSISTANT (Grade 7) (Term to 31 August 1992), University Computing Systems, (\$2,125 - \$2,663)

AUDIO VIDEO TECHNICIAN (Grade 7), Instructional Technology Centre, (\$2,125 - \$2,663)

ADMINISTRATIVE ASSISTANT (Grade 10), Library, (\$2,675 - \$3,413)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

FINANCIAL RECORDS CLERK (Half-time/Trust), Biochemistry, (\$675 - \$839) (prorated)

LABORATORY ASSISTANT III/TECHNICIAN I (Part-time/Hourly) (Trust), Pediatrics, (\$9.92 - \$14.73/hour)

TECHNICIAN I (Trust), Medicine, (\$1,738 - \$2,234)

ALBERTA RESEARCH COUNCIL

PRESENTS

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Crystals growing
Oil soaked wood fossils
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Research labs

LEARN

How viscosity works
How the oil is extracted
from oil sands
How exciting new
wood products are made

ENJOY

Panning for gold
Balloon sculptures
Making "flowers" from coal

And much much more!!!



OCTOBER 20, 1991

1:00 to 4:00 pm
Free Parking; Free Admission

Alberta Research Council,
250 Karl Clark Road,
(23 Ave. and Parsons Road),
Edmonton, Alberta

Back problems? Headaches? Tension? Injuries? Stress?

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BACK BASICS

Remedial Therapy

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EVENTS

Continued from page 4

HOCKEY

18 and 19 October, 7:30 pm Bears vs
Lethbridge

SOCCER

18 October, 4 pm Bears vs Calgary
18 October, 4 pm Pandas vs Calgary
20 October, 1 pm Pandas vs
Lethbridge
20 October, 3 pm Bears vs Lethbridge

SOCCER

26 October, 1 pm Pandas vs Saskatch-
ewan
26 October, 3 pm Bears vs Saskatch-
ewan

VOLLEYBALL

25 to 27 October Pandas Classic
Tournament
Call 492-BEAR/492-2327 or the
"Talking Yellow Pages" at 493-9000,
code 3250, for more information.

ADS

ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

RENT - Blue Quill, modern four level split, four bedrooms. Quiet location near Derrick Club, wonderful family home. 1 November possession, \$1,375/month. Western Relocation Services Ltd, 434-4629.

RENT - Fully furnished one bedroom condo near Heritage Mall. Garage. 5 November - 31 March (negotiable), \$950/month, Western Relocation, 434-4629.

RENT - Millwoods: Burngwood Junction, new four level split, neutral decor, fireplace, all appliances. \$950/month, immediate possession, 434-4629.

RENT - Valhalla, river valley view. Furnished, one bedroom, air conditioned, close to LRT, shopping. Pool and jacuzzi in building. \$950, negotiable, 15 November possession, Western Relocation, 434-4629.

SALE - \$149,900 beautifully maintained "triplex", three bedrooms, 1,214', plus two legal suites with separate entry. Quiet location near the University. Ed Lastiwka, Royal LePage Realty, 437-7480, 446-3800.

SALE - Wonderful Belgravia bungalow. Bright modern basement development, gorgeous treed lot near the river valley, \$185,000. Ed Lastiwka, Royal LePage Realty, 446-3800, 437-7480.

SALE - By owner, three bedroom bungalow, west end. Private entrance, in-law suite; many upgrades. Large yard, double garage, ten minute drive, twenty minute bus to University. Immediate possession, 484-4224, 483-4950.

RENT - An executive bungalow, furnished, five bedrooms, library, sauna, etc. Located on Saskatchewan Drive, \$1,400 a month. Call 488-7425.

RENT - Four bedroom sabbatical home, Blue Quill, January - December 1992. Family room with fireplace, two-car garage, large yard with garden, 437-2899.

RENT - Unfurnished house, one block south of campus for 1 November, 432-1488.

RENT - Furnished three bedroom condo, garage, fireplace. On direct bus route to University, \$900/month, 458-9570 evenings.

RENT - West end executive bungalow, fully furnished, air conditioned, fireplaces. Ten months, 15 January - 31 October. Adults, nonsmoking, references, refundable damage deposit, \$2,000. \$750/month excluding utilities, 489-8126 evenings.

WANTED - Female to share house with same, near Bonnie Doon and Millcreek. \$285/month, 468-2134.

RENT - Accommodation for nonsmoking single family. Lansdowne, four bedrooms. Good bus service to University, no animals. \$1,300/month, available 1 November. Reference required, 434-8952.

RENT - University area, overlooking river valley, newly renovated three bedroom house. Partially or fully furnished, available immediately, \$1,000/month, 352-6256.

RENT - Traditional family has charming ground level, two bedroom suite with fireplace and separate entrance. Country setting, 15 minutes from University. Nonsmoker, single occupancy, \$550/month. Available November, phone 434-6022.

SALE - Garneau Place condominium, \$83,500, appealing and spacious one bedroom unit. Includes all appliances, underground parking, own laundry, large balcony and storage. Please phone Joy Murray, Canada Trust Realty, 468-2100.

SALE - Belgravia bungalow, private sale, no agents. 1,000 square feet, finished basement, full bathrooms, hardwood floors up and down. Large, mature lot, double garage, \$136,900, 437-0177.

RENT - Clean character house conveniently located near river valley. Three bedrooms, six appliances, \$650/month plus utilities. 1 December possession, please call 477-0784.

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RUMMAGE SALE - Friday, 25 October, 6:30 pm - 9 pm; Saturday, 26 October, 9 am - 12 noon. Holy Trinity Anglican Church, 10037 84 Avenue, 433-5530.

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